



NITE-TIMES NEWS

CHICAGO AREA TIMEX USERS GROUP

Chicago Area Timex Users Group
Volume 9, Number 1

Downers Grove, Illinois
January/February 1995

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C.A.T.U.G. CLUB OFFICERS

Here is the list of 1995 club officers and how to contact them. Our club has three strong SIGS, TS2068, Z88 and QL. If you have questions about either of these fine machines, or even the ZX81/TS1000/TS1500, call one of the officers. C=312, S=708.

POSITION	NAME	PHONE	PRIMARY FUNCTION
President	Nazir Pashtoon	S439-1679	The buck stops here...
Vice-President	Steve Cooper	S968-3553	Meeting Planning, etc.
Secretary	Larry Sauter	C763-5383	Records and Reporting
Treasurer	Phil Kwitkowski	S584-6710	Dues and Purchasing
Editor	Bob Swoger	S576-8068	Newsletter, BBS, etc.

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Volume 9, Number 1

1

January/February 1995

Nite-Times Information

The **Nite-Times News** is the newsletter of the Chicago Area Timex Users Group. For an annual fee of \$12.00 you can become a CATUG member and receive six newsletters each year. Write your check payable to:

**PHIL KWITKOWSKI
2106 DOVER LN
ST CHARLES IL 60174**

The Chicago Area Timex Users Group is pleased to exchange newsletters with other Timex and Sinclair supporting user groups at no charge. Send all newsletter requests to:

**CATUG EDITOR BOB SWOGER
613 PARKSIDE CIRCLE
STREAMWOOD IL 60107-1647**

If you desire to reprint any articles that appear here, please provide credit to the author and this newsletter.

We encourage your user group to copy this newsletter and distribute it at your regular meetings to your members free of any charge as we believe that this will encourage better meeting attendance. If you are a user group that feels as we do, please let us know in your newsletter so that we might do this for our members and keep our attendance up.

Articles originating from our group may be downloaded from our BBS and reprinted.

CONTRIBUTORS TO THIS ISSUE

**Al Feng
Phil Kwitkowski
Larry Sauter
Bob Swoger, K9WVY**

CLUB MEETINGS

The Chicago Area Timex Users Group meets on the THIRD Saturday of each month at the home of our Editor, Bob Swoger, from 1:00 to 5:00 PM. Bob's

home is located at 613 Parkside Circle in Streamwood, Illinois near Elgin. Bob should always be contacted evenings at 708/837-7957 to confirm the meeting schedule.

TREASURY NOTES

The balance as of March 1, 1995 is \$508.43 Our current paid membership stands at 19.

Phil Kwitkowski, Treasurer
Chicago Area Timex Users Group

SECRETARY'S NotePad

January 25, 1995

The meeting began at approximately 2:50 P.M. Members present: Larry Sauter, Abed Kahale, Bob Swoger, Nazir Pashtoon, Bobby Muth, and Phillip Kwitkowski and special guest Chuck Haskins.

Joan Kealy sent Bob her ram disk and asked Bob to fix her RAM disk and give it to somebody who could use it like Phillip and Bob spent his Christmas holiday fixing it and now it is solid again. Bob got a new program called Multi draw and he has been having a good time playing with it.

Frank Mills sent a letter to the club resigning his position as treasurer since he has a problem seeing well at night and can't drive home at late hours. We will miss him greatly.

We nominated Phillip Kwitkowski for treasurer and elected him treasurer. The job is now his and all the other members who were officers have been retained to their former positions.

Steve Cooper was elected vice president in abstentia.

The meeting came to an end at approximately 3:30.

February 25, 1995

Members present: Abed Kahale, Larry Sauter, Jeff Decourtney, George Zimmerman, Cy Herre, John Donaldson, and Phillip Kwitkowski.

Bob got Print Factory from Frank Davis and is enjoying the program a great deal. IQLR is going to have another Miracle in Oak Ridge Tennessee on June the 10th. Hugh Howie from TTSUC is going to the event. The last time he went down he had to drive down in bad weather and it won't be so difficult in June. Hugh happens to be a Masonic brother to John Donaldson. The Miracle is a QL get together.

Al Feng called up Nazir and told him about a 8040 QXL card for the PC to emulate a QL on the PC machine. He also told John about the Qluster program and sent a disk with the program so John can try it out and discuss the idiosyncrasies of the program.

Last September John received a check, a disk and a request for some Public Domain QL disks. They got buried on his desk. He found the letter and tried to get in contact with the man to apologize for the delay in getting his disks. The man was very understanding about the problem and was glad that John took the time to finally send his disks along to him. He sent him a check for \$120.00 to buy John a 3 1/2 inch drive so he could better able to service members as a librarian.

All members paid their dues at the meeting. The meeting adjourned.

Larry Sauter, Secretary
Chicago Area Timex Users Group

From the EDITOR'S Disk

I thought you all would like this forwarded E-mail from Peter.Nurkse@Eng.Sun.COM

"I wouldn't have dared inject any little levity into the ICCON discussions myself, but since Steve took the initiative, here's a contribution which my manager passed on to me. Managerial type humor, not too bad (although I did have to correct a couple of misspellings, and some of the grammar might be doubtful, and perhaps the story could be made clearer at the beginning, it's about a rowing race, but still not too bad I think)."

Peter Nurkse
Sun Microsystems
nurkse@eng.sun.com

Once upon a time a company in Colorado and a Japanese automobile company decided to have a competitive boat race on the Colorado River. Both teams practiced hard and long to reach their peak performance. On the big day, they both felt as ready as they could be.

THE JAPANESE WON BY A MILE!!!

Afterwards the American team became very discouraged by the loss and their morale sagged. Corporate Management decided that the reason for the crushing defeat had to be found. A continuous "Measurable Improvement Team" was set up to investigate the problem and to recommend appropriate action.

Their conclusion:

The problem was that the Japanese team had eight people rowing and one person steering; whereby the American team had ONE person rowing and EIGHT people steering. The American company steering committee immediately hired a consulting firm to do a study on the management structure. After some time and MILLIONS of dollars, the consulting firm concluded that "too many people were steering and not enough were rowing."

To prevent losing to the Japanese again the next year, the team's management structure was totally reorganized to

include four EXECUTIVE steering managers, three AREA steering managers, one STAFF steering manager, and a new performance system for the person rowing the boat to give more incentive to work harder. "We must give him empowerment and enrichment. That should accomplish our total quality management goals!"

THE NEXT YEAR THE JAPANESE WON BY TWO MILES!!!

Humiliated, the American company laid off the rower for poor performance, sold the oars, canceled all capital investment for new equipment, halted development of a new boat, gave a "High Performance" award to the consulting firm, then distributed the money saved, as bonuses to the senior executives.

Bob Swoger, Editor
Chicago Area Timex Users Group

GATOR'S TWISTED PAIR

!!! REMEMBER !!!
We have a 24 hour BBS and encourage you to exchange mail and contribute to the Download Section. Use it and have fun!

Call the BBS at 708-632-5558 and register. On your next call your security level will be increased to 5 on this RBBS and you will be able to have most privileges.

Bob Swoger, SYSop
Chicago Area Timex Users Group

ITEMS FOR SALE THROUGH THE CLUB

It has come to our attention that some LarKen Users are using something less than Version 3 firmware. The club will supply updated EPROMs, SYSTEM DISKS, and MANUALS for just \$5 which includes shipping and handling, free if ordered with LogiCall or Spectrum ROM.

If you are a LarKen LKDOS owner and would like a SPECTRUM

V2 kit for your system we will supply an EPROM, socket and 74HCT32 for \$12 which includes shipping and handling. The install instructions are in your LarKen manual. We shall not be responsible for your install job. AERCO owners need only the SPECTRUM EPROM for \$10

If you have a mismatch between you LarKen DOS EPROM and your Western Digital Controller chip, we will send you the correct one for free on behalf of our friends Rod Gowen of RMG and Larry Kenny of LarKen. You should be using L3 EPROMs with WD1770 controller chips or L3F EPROMs with WD1772 controller chips. Check it out! Call in requests to Bob Swoger at W708-576-8068 H708-837-7957

SPECIAL DEALS AND BUYS

NAP_Ware (Nazir A. Pashtoon's new endeavor) announces the availability of all Timex or QL PAL (Programmable Array Logic) chips. If interested, call him evenings on 708-439-1679.

LogiCall Integrated Software Ensemble easy operating system for LKDOS in both TS2068 and Spectrum modes includes LogiCall 6.0 TASWORD TWO V2.8, VU-CALC V1.6, VU-FILE and MTERM2 Drivers modified for LogiCall, DISKS.B1 TAPES.B1 steprt.B1 HEADER.BT (tape header reader by Nazir Pashtoon) FORMAT.B MOVE.BL and more all on 2 SSDD disks for \$15. You must specify your LKDOS EPROM version. If you already have a copy you are encouraged to distribute copies to other LarKen LKDOS users for as you see by the price we are not in the business of making money on it, just making LarKen's LKDOS even better! Call in requests to Rod Gowen of RMG Enterprises or Frank Davis of Mechanical Affinity.

So you like to fly? The 747 Flight Simulator for Spectrum by Derek Ashton of DACC sold over 40K copies in EUROPE.

Requires Spectrum Emulator. At this time supplied on LarKen SSDD disk only for \$10 which goes to Derek Ashton, now working at MOTOROLA with Bob Swoger. Call in requests to Bob at W708-576-8068 H708-837-7957

ARTICLES

511

My wife was given a free IBM (that's the right price). Not much later a young man, Mark, asked me the now favorite question of all those people sold on IBM, "Why do you prefer Sinclair over IBM?". After struggling with the IBM for weeks, I knew why. Not being a patient man (you have to be when using an IBM) I said "OK, I'll show you. First I'll power up the machine, load in the word processor, exit the word processor, load in the terminal program, exit the terminal program, re-enter the terminal program and stop my watch." It took 1 minute, 28 seconds. We then retired to my TS2068 setup and did the same sequence again. It took 28 seconds for the TS2068 to do the same thing, one minute less! I told him "I prefer speed!"

One of my friends, Fa Yu, after wrestling with his newly acquired IBM said "IBM is a lousy computer but it makes a great file server!" I noticed the same thing, it seems to be made for file manipulation.

What it does have going for it is speed of file transfer both to and from a hard disk and back and forth down a phone line. Just like the TS2068 terminal programs, however, the IBM terminal programs need the RING OF A PHONE to bring them to life in the HOST mode. I was thinking of building some kind of phone line high voltage AC tickler and mentioned this idea to one of our 15 year old

members when he came back with a much better idea. Phillip picked up my phone, dialed a number, pressed the hook switch and let it go. A strange tone came out of the receiver. He then hung up the phone and laid back in his chair. The phone rang. I picked up the phone - nobody was there! "WHAT?"

He explained the procedure to me. You dial three special numbers followed by the last four numbers of your phone number.

I went into the dinning room and turned on my wife's IBM, called up her terminal package and put the terminal package into the HOST mode.

I went into my computer room and turned on my TS2068 - loaded in MaxCom and picked up the phone. I went through Phillips's phone procedure. After I put the phone back into the cradle, it rang and the IBM answered! I put MaxCom onto the terminal mode. The IBM started talking to the TS2068! I was able now to upload and download TS2068 files to the IBM. One of the options the IBM gave me was to enter DOS. I did. From my TS2068 I was able to do all the file manipulation I wanted on the IBM located in the dinning room with no one attending it. I could even tell the IBM to print files. All these new things I could now do and I didn't have to run a single new wire or install any new hardware!

Out of the mouths of babes... I am now able to move files over the land lines at 2400 baud (later at 14.4kbs) instead of 300 baud! Also, because these files can be compressed at one end and uncompressed at the other, additional precious time and bucks are being saved.

QLuMSi -- RECENT CHANGES

by
Al Feng

QLuMSi/QL.using.M'cr~S~ft.inter face (yes, it's pronounced "clumsy") is a front-end program, an MS-DOS simulation, and a learning tool. QLuMSi is a TURBO-compiled program that can be EXEC(W)'d on any QL which has TK2_EXTENSIONS.

For individuals who move between QDOS and DOS, QLuMSi allows for a smoother transition when invoking command line input -- QLuMSi will convert the delimiter for you. Either an 'underscore'/'_' (the QDOS's standard delimiter) or a 'period'/'dot'/'.' (the standard DOS delimiter) may be used within filenames.

For individuals whose spouse may not want to use their QL because they use a DOS system at work, this allows them the comfort of the "standard" prompts and commands. For example, typing "quill" at an 'A:\>' prompt will instruct your QL to "EXEC W flp1_quill" and load the Quill program if it is present on the disk in flp1_.

For individuals who are not familiar with "standard" DOS commands, it gives them an opportunity to easily familiarize themselves while allowing them to continue to use the QL programs with which they are already familiar.

Where possible, QLuMSi input mimics the MS-DOS command line syntax. Because QLuMSi should also be thought of as a front-end program, some of its functions exceed what can be done from the DOS command line.

Every attempt has been made to ensure QLuMSi compatibility with the demands of the MINERVA ROM code as well as the variations found in the SMSQ's SBASIC code.

FLIST_imp <==> F(file)LIST_imp(ort)

QLUSTER and QLAMBER users will recognize the FLIST_imp as the dynamic file which contains the names of the sub_DIRECTORIES and files on the medium. The medium must not be write-protected.

The FLIST_imp file can be imported into Quill or any other word processor or text editor.

Although QLuMSi "hides" the FLIST_imp file (on prior versions, the file was named ' '), it is present on the medium.

An ancillary program (deFILE_exe) is included to facilitate removal of the ' ' file by people who are upgrading from earlier versions of the program.

deFILE_exe

The deFILE_exe utility is a truncated version of the QLAMBER front end & utility program. It can be run as a stand-alone program.

SELECT_DEVICE: Use the up/down arrow keys to move the shaded, green bar up-or-down and the left/right arrow keys to change the drive number (1-4). Press ENTER to indicate your choice.

The program will then go directly to the deFILE "page."

Again, use the arrow (cursor) keys to move the highlighting box over the appropriate filename; and then, press the ENTER key.

You will be given an opportunity to abort the process.

Press the '(esc)ape' key to exit the program.

COMMANDS

The following COMMANDS are supported (Typing "HELP" will display this list):

CD \	CLS	COPY	DATE
DEL	DIR	FORMAT	FREE

MEM	PRINT	RENAME	STAT
TIME	TYPE	VER	VIEW

'RD \' & 'MD \' are also supported.

Since 'MD \' accesses the MAKE_DIR keyword {QXL, (Super)GOLD CARD, and FLP/RAM}, QLuMSi_COMn (i.e., COMn == common) is amongst the variations provided for systems lacking the MAKE_DIR keyword. The "_COMn" type is the only variation which supports mdv():

M: == mdv1_ N: == mdv2_

Typing "HELP ..." (where '...' is the name of a supported command) will reveal more detailed information.

The COMMAND_COM program is the same as the "full" QLuMSi_COM program except that it lacks the additional HELP beyond the HELP screen which shows the COMMANDs and PATHs which are supported. COMMAND_COM has the advantage of being "smaller" than the "full" program.

QLuMSi_EXE is the QLuMSi_COM program which begins with a 'C:\>' prompt (i.e., 'win1_').

Similarly, COMMAND_EXE is the COMMAND_COM program which begins with a 'C:\>' prompt.

VIEW [filename]
COPY [filename] LPT1.

Both of these functions now recognize Quill files appended with a "_doc" suffix and generate a roughly formatted screen-or-paper output.

If you VIEW [filename] or COPY [filename] LPT1. the "UPDATES_doc" you would see something like this:

vrmlqdf0

&

H

page nnn

QLuMSi 4.80 Updates

Where possible, QLuMSi input mimics the MS-DOS command line syntax. Because QLuMSi should also be thought of as a front-end program, some of its functions exceed what can be done from the DOS command line. To this end, VIEW and COPY now recognize Quill generated "_doc" files and generate more usable output.

VIEW [filename] & COPY [filename] LPT1.

Both of these functions now recognize Quill files appended with a "_doc" suffix and generate a roughly formatted screen-or-paper output.

If you VIEW [filename] or COPY [filename] LPT1. this Updates_doc you would see something like this:

and, so on.

Shortly after the end of the document is located, the VIEWing will halt, or a FORM FEED will be sent to the printer.

Although the output is not what you would get using Quill and a printer_dat, it will allow you to look at a screen or paper copy of a document within the QLuMSi program.

Of course, this might seem to be a bit of a kluge for salvaging a corrupted "_doc" file; but, you should be able to salvage all/part of the text of a "corrupt_doc" file(s) whose formatting data has been corrupted:

COPY [corrupt_doc] lpt1.

As before, the non-ASCII characters are "red" when VIEWed and empty spaces when a COPY is sent to the printer.

If the "_doc" suffix is not present, the program will display the file without the rough formatting.

DIR
DIR /W

An implicit '/p' (for "pause") is now presumed. In addition, the standard DIR display now more closely mimics the DOS display:

```
A:\> dir
Volume in drive A is @ PLATYPUS
Directory of A:\

Quill          60614 04-02-95 19:33
Archive        52814 04-02-95 19:33
- - - - -
misc ->
turbo ->
printer_dat    85 04-02-95 19:37
GPRINT_PRT     510 04-02-95 19:37
QLAMBer        32330 04-02-95 19:37
QLUSTer        32470 04-02-95 19:37
```

Press any key when ready ...

The number of files that are displayed on the screen is dependent on whether the "banner" is displayed ("CLS" vs. "SHOW").

If you want the DIRectory of another PATH, then type:

DIR [path_letter]:

To see a DIRectory data displayed in four columns, type:

DIR /W
or, DIR [path_letter]:/W

Extra spaces may return a "Bad command or file name" message.

Some NETWORK comments, etc.

First, if your system does not have a hard disk (interface), you may use the eight win()_ devices for NETWORKing.

Some of you may wonder what and why there are provisions for up to eight (8) ndk()_ devices [six with QLuMSi_COMn] While ndk()_ may seem to be an arbitrary NFS_USE designation, it is an abbreviation which stands for n(etwork)d(is)k(after fdh/hdk).

The reason that there are eight ndk()_ allowances is because you can, in fact, assign that many designations. This is in keeping with what is apparently the standard QDOS device limit of eight.

This quantity may not have been obvious because the original TK2 manual was so tiny that it was difficult to read (of course, that was not the only reason that it was difficult to read!).

In fact, I ascertained the eight device NETWORK capability as a what-if supposition, and then went back and re-read the manual to determine whether this had been documented. Of course, it was.

Peer - to - peer NETWORK communication, where the QDOS devices have equal access to one another, becomes viable when faster QDOS devices are attached to one another. I currently have a GOLDCARDED QL set up as a "peer" with a QXL by implementing the following commands in the respective boot programs:

```
QXL: NET 1
FSERVE
NFS_USE NDK,N2_flp1, N2_flp2_,
        N2_ram1_,N2_ram2_,
        N2_ram3_,N2_ram4_,
        N3_ram1_,N3_mdv1_
```

```
GOLD CARD: NET 2
FSERVE
NFS_USE WIN, N1_win1,
        N1_win2_,N1_win3_,
        N1_win4_, N1_win5_,
        N1_ram1_,N1_ram2_,
        N3_ram1_
```

THE BOTTOM LINE

QLuMSi is available either directly (\$15), or as an UPDATE! issue disk (\$20; P.O. Box 17, Mexico, IN 46958)

Previous users [direct(CATUG/ZQA!)/EMSoft/UPDATE!] may

acquire an upgrade from me
(\$5/specify disk size).

Al Feng
914 Rio Vista Circle SW
Albuquerque, NM 87105

HAPPY TRAILS,
AND COMPUTING, TO YOU ...

ADS

To put an AD in the BBS and
newsletter, upload a file with
the filename.filetype:

CATUGxxx.ADS

where xxx is your initials.

!!! Our ADS are free !!!

Your ADS appear in FOUR
different newsletters!

FOR SALE 950125

HARDWARE.....

COCO3 512K W/KEYBOARD EXTENDER
COCO3 128K BRAND NEW NEVER USED
RS-232 DELUXE MODEM PACK W/CBL
DUAL DISK DRIVES (5.25" & 3.5")
W/DISK DC-7 CONTROLLER
ADOS3 W/ORG. DISKS
SEGEATE 40 MEG H.D. W/ BURKE &
BURKE CONTROLLER (W/ CLOCK)
CASSETTE CCR-81 W/ CABLE

ROM-PAKS. (UNLIKELY ANY MANUALS)
.CHESS..RAD WARRIOR..TYPEMATE..
.SPECTACULATOR..EDTASM+..TETRIS
.SOKO-BAN..DOWNLAND...ROBOCOP..
.SUPER PITFALL....DRAGON FIRE..
.THEDXER(2).....MIND ROLL..
.SPRINGTER..CASTLE OF THAROGGAO

Deluxe JOYSTICKS (&SPARE PARTS)

HARDRIVE IS LOADED WITH MOST
HARDRIVE SOFTWARE LISTED ABOVE,
PLUS MOST 'MV' PATCHES APPLIED,
CONTAINS 'SHELLPLUS', PLUS MANY
DOWNLOADED SOFTWARE FROM
DELPHI... I AM NOT SURE IF
SELLING THE H.D. AS IS WOULD BE
IN VIOLATION OF COPYRIGHT LAWS.
IF SO, I WILL DELETE EVERYTHING
EXCEPT THE OS9, MV AND BOOT
SETUP.

SOFTWARE.....

NOTE: THESE ARE ORIGINAL DISKS
(SOME WITH MANUALS)

RS-DOS.....

TCE PROOFREADER....KIDS ON KEYS
TCE BUSINESS WRITER.....ADOS 3
EXTENDED ADOS3.....COLORSCAN
COCO MAC III W/COLOR DRIVER....
WARRIOR KING.....MINE RESCUE
SUPER TAPE/DISK TRANSFER..ROGUE
PRINT SPOOLER / ROMCRACK ..BASH
COLOR COMPUTER ARTIST..D.L.LOGO
LEISURE SUIT LARRY...SUB BATTLE
GHANA BWANA...MICRO ILLUSTRATOR
SHAMUS..CRYSTAL CITY..KIDWRITER
ALPHABET ZOO.....GOLDFINDER
DESERT RIDER.....UTILITIES DISK
MONEYOPOLY.....CARMEN SANDIEAGO
RAINBOW INDEXES (4 DISKS)..Z-89
MICKEY'S SPACE ADV.....DISKMAX
FRACTION FEVER.....SEASTALKER
MARTYS NIGHTMARE..KINGQUEST III
DISK UTIL 2.1
T&D DISK #46
T&D DISK #50
T&D DISK #55
T&D DISK #56
T&D DISK #58
T&D DISK #4 UTILITIES

OS9.....

OS9 LEVEL II.....SHELLMATE
LEVEL 2 TOOLS.....TOOLS 2
MULTI-VIEW.....DESKMATE 1
ZCLOCK..QUICKLETTER..ICON BASIC
KRONIS RIFT..CYBERVOICE...M-RAM
HYPER I/O.....COCO XT-RTC
DONALD DUCK PLAYGROUND...XT-ROM

MISC.....

COCO MAX II (NOT WORKING?)
MISC. ISSUES OF RAINBOW FROM
1983 TO PRESENT - MISC RAINBOW
BOOKS (OS9 & RSDOS)

WILL SELL ALL AS A BUNCH OR
INDIVIDUALLY - - MAKE AN OFFER.
CASHIER'S CHECK ONLY.

LEAVE MAIL ON DELPHI (RCPOLK)
Email rcpolk@delphi.com or
richp@comm.mot.com THANK-YOUC

FOR SALE 950123

Memotech 32K RAMPACK - great
shape used a couple times then
somehow my machine died - now
if you have a ZX81 or T/S-1000
that needs it ...

!!!!!!!!!!!!!! ALSO !!!!!!!!!!!!!!!
MemoCalc Spreadsheet Pack Great
shape and sill works. Want a
spreadsheet that's instant on?
Memocalc is for you! It'll use

whatever RAMPACK you have. This is a great pair of products! They both come with the little booklet they give you with it. I would like \$15 each or \$25 for BOTH! What a deal! Shipping included!

D.G.Smith, R.415 Stone St.,
Johnstown PA 15906-1609
(814)535-6998. Thank you ;>

FOR SALE 950123

I also have a 'sort of' working Atari 800XL with a DISK DRIVE! The keyboard needs to be fixed - when plugged in the computer is dead and when you unplug it it works (huh?) I've a small quantity of disks for above system and some parts that seem to go with it - make a reasonable offer above \$45 U-FIX and save [or send it to Dan Elliot and he'll fix it CHEAP!]
D.G.Smith, R.415 Stone St.,
Johnstown PA 15906-1609
(814)535-6998. Thank you ;>

FOR SALE 950123

Tandy CoCol with Extended BASIC and over 3 Dozen (Rainbow/Hot Coco or whatever) mags and some Disks with a disk interface that plugs into the cartridge slot. If have some tapes also and manuals and other assorted goodies. I'm looking for at least \$80 for ALL - I even have the color mouse and a hires interface as well as a Videotex cartridge.
D.G.Smith, R.415 Stone St.,
Johnstown PA 15906-1609
(814)535-6998. Thank you ;>

WANTED: 950123

Any screen dumps, drivers, or programs permitting the use of Radio Shack CGP-115 Color Graphic Printer (4-pen plotter) with the T/S 2068. Tape, JLO, or LarKen. ALSO: Looking for PC Magazine, Volume 3 Number 23 Nov.27,1984?
D.G.Smith, R.415 Stone St.,
Johnstown PA 15906-1609
(814)535-6998. Thank you ;>

FOR SALE 950103

PACKARD BELL 486 DX24 20M HD
3.5 FDD TAPE B/U 2X CDROM DRIVE
MSMONEY MSWORKS \$1000 OBO
DAVE 708-205-2843

FOR SALE 950103

486SX 25MHZ PC 170M HD 14" .28
SVGA MONITOR 2M RAM 2400 MODEM
SOUND BLASTER MOUSE WINDOWS 3.1
DOS 6.2 3.5 & 5.25 FDD \$800
PAUL 708-830-5177

FOR SALE 941205

NEC Laptop w/ext FDD & RAM
1S/1P port int MODEM built in
WORDSTAR Spreadsheet Telecom
S/W Lt wt - int monitor \$200
OBO 708-359-7293

FOR SALE 941205

286AT 1MB RAM 30 MB HD 360K &
1.44 MEG FDDS MINI TOWER MODEM
MOUSE 2S/1P ports DOS 6.2 &
Windows 3.1 Lotus EGA \$450,
mono #\ \$300 OBO 708-359-7293

FOR SALE 941205

MAC Classic w/software w/Apple
dot matrix printer. \$550
David 708-381-6715

FOR SALE 941205

Hygain TH3 Jr Tri-band Beam
w/balun & rotor exc condition
\$175 OBO Dave 708-991-6810

FOR SALE 941107

Zenith Easy-PC 20 mg hard drive
B/W monitor 3 1/2" FDD easy to
use. \$200 OB. 708-228-1042

FOR SALE 941107

IBM XT Turbo 20mg HD 512K RAM
VGA monitor w/Epson LQ-510 24
pin printer US Robotics extrnl
modem \$200 for all.
708-726-0650

FOR SALE 941107
 %%%
 Atari 800 48K + BASIC cart.
 FDD, interface module
 printer modem color monitor
 150+ game disks word processor
 4 joy sticks \$85 OBO
 Dan 708-359-7293

FOR SALE 941107
 %%%
 IBM AT CLONE 40M HD mono VGA
 640K mouse 2400B modem 287 C\P,
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